GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:495
ANSWERED ON:21.11.2001
INCREASE IN GENERATION OF NUCLEAR POWER
BASUDEB ACHARIA

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government have prepared a plan to increase the generation of nuclear power in the next 20 years;

(b) if so, whether the details have been worked out in regard to setting up of more nuclear power plants;

(c) if so, whether sites have been indentified in this regard; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SMALL SCALE INDUSTRIES, AGRO AND RURAL INDUSTRIES, MINISTER O STATE IN THE DEPARTMENT OF PERSONNEL AND TRAINING DEPARTMENT OF PENSIONS AND PENSIONERS WELFA OF THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) Yes, Sir.

(b) The present nuclear power capacity in the country is 2720 MWe. It is proposed to be increased to about 20,000 MWe by the year 2020, subject to the availability of budgetary support from the Government. During the X Five Year Plan, nuclear power generation capacity of 1300 MWe is planned to be added by the completion of the following units: TAPP 3&4-2x500 MWe (proposed to be uprated to 2x540 MWe) and Kaiga-3 (one unit of 220 MWe, out of 2x220 MWe units of Kaiga 3&4 under construction). Thus, the total nuclear power capacity will reach 4020 MWe by the end of the X Plan. The proposals in the X Plan also envisage the commencement of new schemes for reaching a total nuclear power capacity of 9935 MWe by the end of the XI Plan. Additional projects are also planned to be taken up in the XI Plan and beyond, to achieve a nuclear power capacity of about 20,000 MWe by the year 2020.

(c) & (d) During the X Plan, capacity addition is planned at Tarapur and Kaiga which are approved sites. During the XI Five Year Plan, a nuclear power capacity of 5915 MWe is proposed to be added. For this programme, existing sites at Kaiga, Rawatbhata, Kudankulam and Kalpakkam are available. No constraints are foreseen for capacity addition, as above, upto the end of XI Plan. In addition, the Site Selection Committee (SSC) of DAE is also investigating sites, in different electricity regions (Northern, Western, Southern and Eastern electricity regions) of the country, for empanelling additional sites for setting up new plants for the proposed nuclear power programme of 20,000 MWe by the year 2020.